

Table 8.7c Electric Net Summer Capacity at Combined-Heat-and-Power Plants by Sector, 1989-2001
(Million Kilowatts)

	Fossil Fuels						Renewable Energy					
Year	Coal ¹	Petroleum ²	Natural Gas ³	Dual Fired ⁴	Other Gases ⁵	Total	Conventional Hydroelectric Power ⁶	Wood ⁷	Waste ⁸	Total	Other ⁹	Total
Electric Power Sector (Independent Power Producers Only) ¹⁰												
1989 ^P	1.5	0.1	2.9	3.2	0	7.7	0	0.2	0.2	0.4	0	8.1
1990 ^P	2.4	0.1	3.9	4.4	0	10.7	0	0.2	0.2	0.5	0	11.2
1991 ^P	2.9	0.3	4.5	4.8	0	12.5	0	0.2	0.2	0.5	0	12.9
1992 ^P	3.5	0.3	4.3	6.6	(s)	14.7	0	0.2	0.2	0.5	0	15.2
1993 ^P	3.8	0.3	6.3	6.4	0	16.8	0	0.2	0.2	0.5	0	17.3
1994 ^P	4.5	0.3	9.6	6.8	0	21.0	0	0.3	0.2	0.5	0	21.5
1995 ^P	4.8	0.3	10.0	7.0	0	22.1	0	0.4	0.2	0.6	0	22.7
1996 ^P	5.0	0.3	11.5	7.2	0	24.0	0	0.3	0.3	0.6	0	24.6
1997 ^P	4.9	0.3	11.6	7.6	(s)	24.4	0	0.3	0.4	0.7	0	25.1
1998 ^P	5.0	0.4	14.1	6.0	0	25.5	0	0.4	0.4	0.7	0	26.2
1999 ^P	5.2	0.2	11.8	8.4	0	25.7	0	0.4	0.4	0.7	0	26.5
2000 ^P	5.2	0.4	15.1	6.1	0.3	27.1	0	0.2	0.5	0.7	0	27.9
2001 ^E	5.2	0.5	22.8	6.2	0.3	35.0	(s)	0.3	0.5	0.9	0	35.9
Commercial Sector ¹¹												
1989 ^P	0.3	0.1	0.1	0.6	0	1.0	(s)	(s)	0.2	0.2	0	1.2
1990 ^P	0.3	0.2	0.2	0.6	0	1.2	(s)	(s)	0.2	0.2	0	1.4
1991 ^P	0.2	0.1	0.2	0.6	0	1.1	(s)	(s)	0.2	0.3	0	1.3
1992 ^P	0.2	0.1	0.3	0.6	0	1.2	(s)	(s)	0.2	0.3	0	1.5
1993 ^P	0.3	0.1	0.3	0.6	0	1.3	(s)	(s)	0.3	0.3	0	1.6
1994 ^P	0.3	0.2	0.3	0.9	0	1.7	(s)	(s)	0.3	0.3	0	2.1
1995 ^P	0.3	0.2	0.3	1.0	0	1.8	(s)	(s)	0.3	0.3	0	2.1
1996 ^P	0.3	0.2	0.4	0.9	0	1.8	(s)	(s)	0.4	0.5	0	2.3
1997 ^P	0.3	0.2	0.4	0.9	0	1.9	(s)	(s)	0.4	0.5	0	2.3
1998 ^P	0.3	0.2	0.6	0.7	0	1.8	(s)	(s)	0.5	0.5	0	2.3
1999 ^P	0.3	0.3	0.5	0.8	0	1.8	(s)	(s)	0.5	0.5	0	2.3
2000 ^P	0.3	0.3	0.6	0.6	0	1.8	(s)	(s)	0.4	0.4	0	2.2
2001 ^E	0.3	0.2	0.4	0.6	0	1.5	(s)	(s)	0.4	0.4	0	2.0
Industrial Sector ¹²												
1989 ^P	4.8	0.7	7.9	1.8	1.2	16.5	0.5	4.1	0.2	4.8	0.5	21.8
1990 ^P	4.8	0.9	8.1	2.2	1.3	17.3	0.6	4.3	0.2	5.1	0.5	22.9
1991 ^P	4.7	0.8	7.8	2.3	1.4	17.1	0.6	4.8	0.2	5.6	0.5	23.2
1992 ^P	4.8	0.8	8.4	2.2	1.4	17.6	0.6	4.8	0.3	5.6	0.5	23.8
1993 ^P	4.9	0.8	9.1	1.9	1.2	18.0	0.6	5.0	0.3	5.8	0.5	24.3
1994 ^P	5.0	0.9	9.3	1.9	1.4	18.5	1.1	5.0	0.3	6.3	0.5	25.4
1995 ^P	5.0	0.8	9.5	1.9	1.4	18.7	1.1	4.9	0.2	6.3	0.5	25.5
1996 ^P	5.0	0.8	9.6	1.9	1.6	19.0	1.1	5.1	0.2	6.4	0.5	25.9
1997 ^P	4.8	1.0	10.3	1.7	1.3	19.2	1.1	5.1	0.2	6.5	0.6	26.2
1998 ^P	4.6	1.0	10.8	1.3	1.5	19.1	1.1	5.0	0.2	6.3	0.6	26.0
1999 ^P	4.4	0.8	11.5	1.6	1.7	20.1	1.1	5.0	0.2	6.2	0.8	27.1
2000 ^P	4.6	0.8	12.5	1.3	2.0	21.2	1.1	4.4	0.2	5.7	0.5	27.3
2001 ^E	4.6	0.8	11.7	1.3	2.0	20.4	1.1	4.4	0.2	5.7	0.5	26.6

¹ Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

² Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil.

³ Natural gas, including a small amount of supplemental gaseous fuels.

⁴ Petroleum and natural gas.

⁵ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁶ Includes combined-heat-and-power (CHP) plants that use multiple sources of energy including hydropower.

⁷ Wood, black liquor, and other wood waste.

⁸ Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.

⁹ Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

¹⁰ CHP plants whose primary business is to sell electricity and heat to the public—i.e., NAICS 22 CHP

plants. For 1989-2001, does not include electric utility CHP plants—these are included in "Electric Power Sector" on Table 8.7b.

¹¹ Commercial combined-heat-and-power (CHP) and a small number of commercial electricity-only plants. See Appendix G for commercial sector NAICS codes.

¹² Industrial combined-heat-and-power (CHP) and a small number of industrial electricity-only plants. See Appendix G for industrial sector NAICS codes.

P=Preliminary. E=Estimate. (s)=Less than 0.05 million kilowatts.

Notes: • Data are at end of year. • See Note 4 at end of section. • Totals may not equal sum of components due to independent rounding.

Web Page: <http://www.eia.doe.gov/fuelelectric.html>.

Sources: See end of section.